Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020124\
Data File : BP019509.D
Acq On : 01 Feb 2024 15:42
Operator : MA/JU
Sample : 03572-02
Misc : LOQ-SOIL-05PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 01 16:23:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	75501	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	324376	20.000	ng		0.00
39) Acenaphthene-d10	14.546	164	239415	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	591313	20.000	ng		0.00
76) Chrysene-d12	21.392	240	571103	20.000	ng		0.00
86) Perylene-d12	23.810	264	525908	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	380413	81.217	ng		0.00
7) Phenol-d6	7.081	99	533819	84.524	ng		0.00
23) Nitrobenzene-d5	9.081	82	848181	113.303	ng		0.00
42) 2,4,6-Tribromophenol	16.040	330	315914	90.374	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	2042792	105.480	ng		0.00
79) Terphenyl-d14	19.875	244	4171499	120.122	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	8107	4.492	ng	#	94
3) Pyridine	3.787	79	20570	4.204	ng		96
4) n-Nitrosodimethylamine	3.711	42	8910	4.183	ng	#	93
6) Aniline	7.240	93	33616	5.478	ng		99
8) 2-Chlorophenol	7.469	128	20724	4.310	ng		95
9) Benzaldehyde	7.058	77	23159	5.230	ng		95
10) Phenol	7.105	94	28029	4.453	ng		92
11) bis(2-Chloroethyl)ether	7.352	93	22475	4.589	ng		95
12) 1,3-Dichlorobenzene	7.799	146	25835	4.391	ng		99
13) 1,4-Dichlorobenzene	7.946	146	25152	4.219	ng		99
14) 1,2-Dichlorobenzene	8.258	146	25007	4.335	ng		94
15) Benzyl Alcohol	8.158	79	23758	4.708	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.452	45	23477m	4.794	ng		
17) 2-Methylphenol	8.358	107	19166	4.523	ng		98
18) Hexachloroethane	8.981	117	9498	4.110	ng		91
19) n-Nitroso-di-n-propyla...	8.728	70	21752	5.042	ng		99
20) 3+4-Methylphenols	8.687	107	25606	4.427	ng		92
22) Acetophenone	8.746	105	40189	4.349	ng	#	98
24) Nitrobenzene	9.122	77	34471	4.573	ng		99
25) Isophorone	9.646	82	60060	4.607	ng		98
26) 2-Nitrophenol	9.828	139	10642	3.703	ng		93
27) 2,4-Dimethylphenol	9.887	122	18777	5.110	ng		97
28) bis(2-Chloroethoxy)met...	10.140	93	31674	4.294	ng		95
29) 2,4-Dichlorophenol	10.357	162	22927	4.127	ng		98
30) 1,2,4-Trichlorobenzene	10.575	180	26684	3.918	ng		95
31) Naphthalene	10.763	128	73215	4.115	ng		98
32) Benzoic acid	9.952	122	13381m	3.737	ng		
33) 4-Chloroaniline	10.881	127	32667	4.965	ng		96
34) Hexachlorobutadiene	11.040	225	18855	3.736	ng		98
35) Caprolactam	11.646	113	8679	5.519	ng		94
36) 4-Chloro-3-methylphenol	11.999	107	27933	4.612	ng		99
37) 2-Methylnaphthalene	12.375	142	53652	4.358	ng		96
38) 1-Methylnaphthalene	12.593	142	53761	4.443	ng		99
40) 1,2,4,5-Tetrachloroben...	12.734	216	35600	3.856	ng		99
41) Hexachlorocyclopentadiene	12.704	237	16387	3.929	ng		98
43) 2,4,6-Trichlorophenol	12.981	196	21550	3.854	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	23082	3.760	ng		98
46) 1,1'-Biphenyl	13.387	154	77219	4.041	ng		97
47) 2-Chloronaphthalene	13.422	162	62502	3.985	ng		99
48) 2-Nitroaniline	13.634	65	17916	4.085	ng		85
49) Acenaphthylene	14.269	152	100417	4.563	ng		99
50) Dimethylphthalate	14.016	163	82430	4.498	ng		99
51) 2,6-Dinitrotoluene	14.134	165	16148	4.010	ng		93
52) Acenaphthene	14.604	154	58384	4.275	ng		92
53) 3-Nitroaniline	14.457	138	16667	4.504	ng		94
54) 2,4-Dinitrophenol	14.663	184	6627	3.170	ng		90
55) Dibenzofuran	14.945	168	99020	4.451	ng		99
56) 4-Nitrophenol	14.763	139	13514	4.455	ng		92
57) 2,4-Dinitrotoluene	14.916	165	21972	4.164	ng	#	95
58) Fluorene	15.598	166	80752	4.558	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	22524	4.362	ng		98
60) Diethylphthalate	15.381	149	82824	4.543	ng		99
61) 4-Chlorophenyl-phenyle...	15.598	204	44568	4.475	ng		95
62) 4-Nitroaniline	15.622	138	17456	4.500	ng		96
63) Azobenzene	15.892	77	77596	4.402	ng		98
65) 4,6-Dinitro-2-methylph...	15.675	198	10195	3.024	ng		100
66) n-Nitrosodiphenylamine	15.810	169	69995	3.952	ng		95
67) 4-Bromophenyl-phenylether	16.498	248	28072	3.798	ng		97
68) Hexachlorobenzene	16.592	284	33518	3.883	ng		97
69) Atrazine	16.775	200	30048	5.113	ng		94
70) Pentachlorophenol	16.945	266	17300	3.218	ng		98
71) Phenanthrene	17.345	178	135787	4.363	ng		99
72) Anthracene	17.434	178	135708	4.372	ng		99
73) Carbazole	17.710	167	123462	4.378	ng		100
74) Di-n-butylphthalate	18.275	149	138067	4.049	ng		100
75) Fluoranthene	19.310	202	166748	4.386	ng		98
77) Benzidine	19.498	184	85906	7.195	ng		98
78) Pyrene	19.663	202	174670	4.334	ng		99
80) Butylbenzylphthalate	20.557	149	57409	3.814	ng		98
81) Benzo(a)anthracene	21.375	228	171565	4.268	ng		99
82) 3,3'-Dichlorobenzidine	21.316	252	61449	4.195	ng		94
83) Chrysene	21.427	228	155603	4.077	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	85467	3.729	ng		99
85) Di-n-octyl phthalate	22.275	149	130716	3.241	ng		99
87) Indeno(1,2,3-cd)pyrene	26.339	276	139192	3.458	ng		99
88) Benzo(b)fluoranthene	23.074	252	146038	4.406	ng		96
89) Benzo(k)fluoranthene	23.122	252	132787	4.194	ng		99
90) Benzo(a)pyrene	23.704	252	121189	4.109	ng		99
91) Dibenzo(a,h)anthracene	26.363	278	114701	3.464	ng		97
92) Benzo(g,h,i)perylene	27.110	276	112532	3.350	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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